

Supporting Information

For

Kinetic isotope effects and hydrogen/deuterium exchange reveal large conformational changes during the catalysis of the *Clostridium acetobutylicum* spore photoproduct lyase

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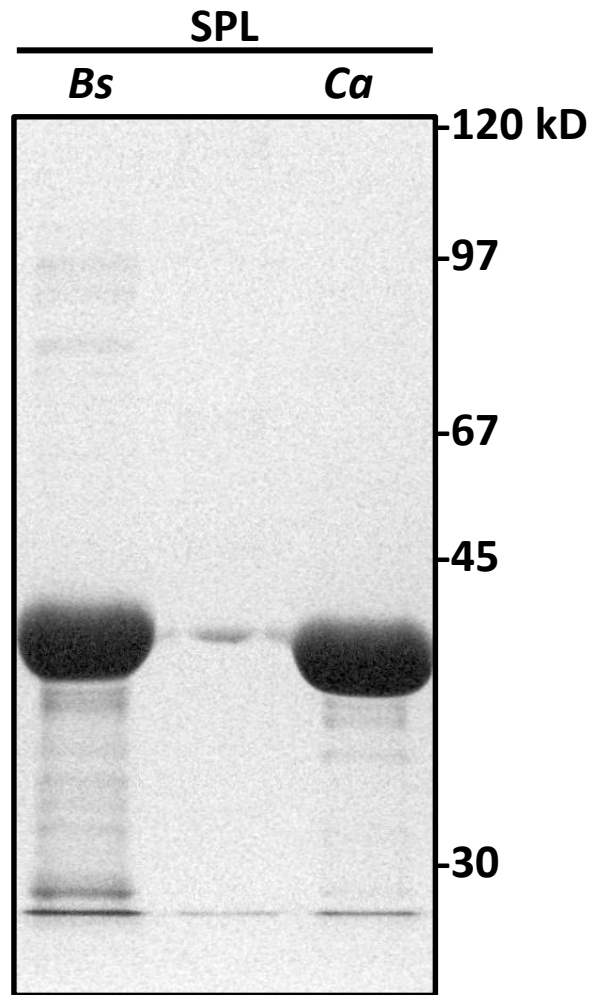


Figure S1. SDS-PAGE showing the purified SPL_(Bs) and SPL_(Ca) proteins used in this study.

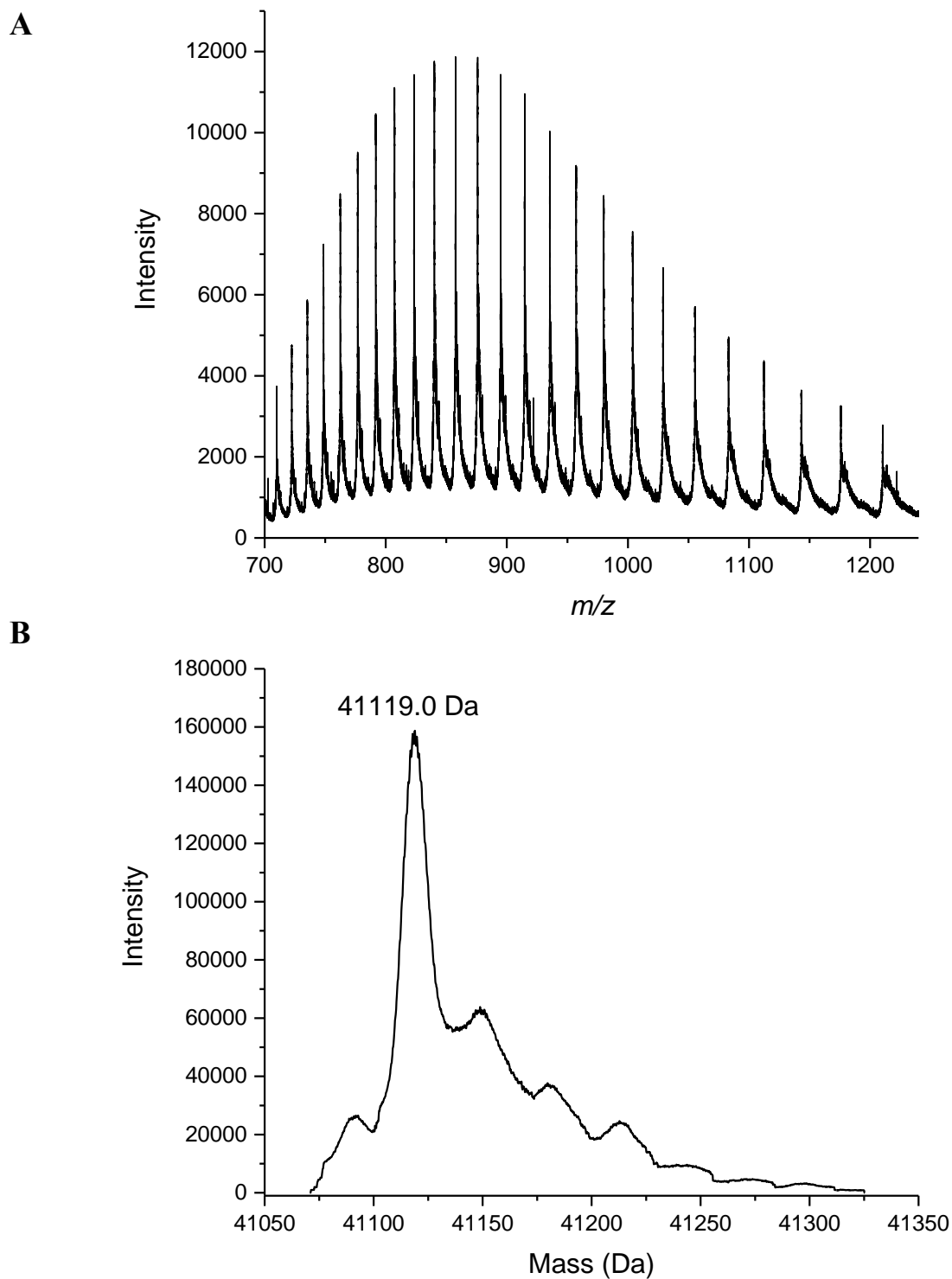


Figure S2. (A) Electrospray mass spectrum of $SPL_{(Ca)}$ protein acquired under denaturing condition, and (B) molecular weight determined (41119.0 Da) from the deconvoluted mass spectrum. The $SPL_{(Ca)}$ protein contained the expression tag with the initiator methionine residue cleaved off.